Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A catalyst comprising

(A) a tantalum halide, ~~compound,~~ and

(B) an organic metal compound selected from the group consisting of a modified methylaluminoxane, and isobutylaluminoxane. ~~,wherein the organic metal compound (B) comprises at least one group selected from the group consisting of the following (1) to (5):~~

~~(1) a branched or cycloalkyl-substituted primary alkyl group having 4 to 15 carbon atoms,~~

~~(2) an aryl-substituted primary alkyl group having 7 to 15 carbon atoms,~~

~~(3) a 3-alkenyl group having 4 to 15 carbon atoms,~~

~~(4) a secondary alkyl group having 3 to 15 carbon atoms which may be substituted with an aryl group or a cyclic alkyl group having 3 to 15 carbon atoms, and~~

~~(5) a secondary alkenyl group having 4 to 15 carbon atoms.~~

2-6. (Canceled)

7. (Previously presented) The catalyst according to claim 1, wherein the amount of the organic metal compound (B) is from 0.5 to 3 moles in terms of the alkyl group(s) per mole of the tantalum compound (A).

8. (Canceled)

9. (Previously presented) The catalyst according to claim 1, which is obtained by contacting the tantalum compound (A) with the organic metal compound (B).

10. (Currently amended) An olefin-trimerizing process, which comprises trimerizing an olefin in the presence of ~~the catalyst according to claim 1.~~ a catalyst comprising

(A) a tantalum compound, and

(B) an organic metal compound, wherein the organic metal compound (B) comprises at least one group selected from the group consisting of the following (1) to (5):

(1) a branched or cycloalkyl-substituted primary alkyl group having 4 to 15 carbon atoms,

(2) an aryl-substituted primary alkyl group having 7 to 15 carbon atoms,

(3) a 3-alkenyl group having 4 to 15 carbon atoms,

(4) a cyclic alkyl group having 3 to 15 carbon atoms, and

(5) a secondary alkenyl group having 4 to 15 carbon atoms.

11. (Original) The olefin-trimerizing process according to claim 10, which is carried out at an absolute pressure of from normal pressure to a pressurized pressure.

12. (Original) The olefin-trimerizing process according to claim 11, wherein the absolute pressure is from normal pressure to 30 MPa.

13. (Previously amended) The olefin-trimerizing process according to claim 10, which is carried out at a temperature of 150°C or lower.

14. (Original) The olefin-trimerizing process according to claim 13, which is carried out at a temperature of 10 to 80°C.

15. (Previously presented) The olefin-trimerizing process according to claim 10, which is carried out in the presence of a solvent.

16. (Original) The olefin-trimerizing process according to claim 15, wherein the solvent is an aromatic compound.

17. (Original) The olefin-trimerizing process according to claim 15, wherein the solvent is at least one selected from the group consisting of benzene, toluene, xylene, chlorobenzene and dichlorobenzene.

18. (Previously presented) The olefin-trimerizing process according to claim 10, wherein the olefin is ethylene.

19. (New) The process according to claim 10, wherein the tantalum compound (A) is a tantalum halide.

20. (New) The process according to claim 10, wherein the organic metal compound (B) comprises at least one group selected from the group consisting of isobutyl, homo-allyl, cyclopentylmethyl, cyclohexylmethyl, and 2-phenethyl groups.

21. (New) The process according to claim 10, wherein the organic metal compound (B) comprises isobutyl group.

22. (New) The process according to claim 10, wherein the organic metal compound (B) is an isobutylmagnesium halide, a cyclopentylmagnesium halide, a cyclohexylmagnesium halide, a 2-phenethylmagnesium halide, isobutyllithium, cyclopentyllithium, cyclohexyllithium, 2-phenethyllithium, triisobutylaluminum, tricyclohexylaluminum, isobutylaluminum dichloride, diisobutylaluminum chloride, a diisobutylaluminum halide, a modified methylaluminoxane, isobutylaluminoxane, tetraisobutyltin or a diisobutyltin dihalide.

23. (New) The process according to claim 10, wherein the organic metal compound (B) is triisobutylaluminum, a modified methylaluminoxane, or isobutylaluminoxane.

24. (New) The process according to claim 10, wherein the amount of the organic metal compound (B) is from 0.5 to 3 moles in terms of the alkyl group(s) per mole of the tantalum compound (A).

25. (New) The process according to claim 10, the catalyst is a catalyst obtained by contacting the tantalum compound (A) with the organic metal compound (B).